<div align="center">Remarks</div>

The present amendment responds to the Official Action dated August 07, 2007. A

petition for a one month extension of time to respond and authorization to charge our credit card

the large entity extension fee of $120 accompany this amendment. The Official Action rejected

claims 1-17 under 35 U.S.C. 103(a) based on Gourraud et al. U.S. Patent Publication No.

2004/0006623 (Gourraud) and Kay et al. U.S. Patent Publication No. 2002/0103917 (Kay).

These grounds of rejection are addressed below. Claims 1-3, 5, 6, 9-11, and 13-17 have been

amended to be more clear and distinct. Claims 1-17 are presently pending.


The Art Rejections

As addressed in greater detail below, Gourraud and Kay do not support the Official

Action's reading of them and the rejections based thereupon should be reconsidered and

withdrawn. Further, Applicants do not acquiesce in the analysis of Gourraud and Kay made by

the Official Action and respectfully traverse the Official Action's analysis underlying its

rejections.

Gourraud discloses a mechanism for providing a list of services to a user over one

communication path and access to the services over a second communication path separate from

the fist communication path. For example, Gourraud sends a message through a call session

control function (CSCF) 216 to a user terminal. Upon selection by a user, a response is

forwarded over a separate packet data network 20 to an application server 230. Gourraud,

Abstract, Fig. 1, and paragraph [0032].

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With respect to claims 1, 6, 11, 15, 16, and 17, the Official Action suggests that Gourraud teaches a method for communicating between a network-resident software application and a user device. However, this purported suggested teaching is not what is claimed in the amended claims 1, 6, 11, and 15-17. More specifically, the Official Action suggests that Gourraud teaches a method for communicating between a network-resident software application and a user device and cites Gourraud paragraphs [0026], [0028], [0029], Fig. 1 and Fig. 3 in support. Regarding claim 1, the Official Action never addressed the pseudodevice of claim 1. Gourraud does not teach and does not make obvious a pseudodevice comprising the elements of claim 1.

Regarding the methods of claim 6 and 11, a method of "communicating between a network-resident software application and a user device through a network-resident component" is claimed in the amended claims 6 and 11. Regarding the computer-readable medium of claim 15, "interactions between at least one network-resident software application and at least one user device through a network-resident component" is claimed in amended claim 15. Regarding the computer-readable medium of claim 17, "a pseudodevice as a unified software interface function that provides an interface between the at least one network-resident software application and the at least one user device" is claimed in amended claim 17. Each of these claims 6, 11, 15, and 17 addresses a network-resident component or a pseudodevice as a central component for communicating between a network-resident software application and a user device. See, for example, Fig. 1, page 3, line 13 – page 4, line 9, and page 4, lines 18-21 of the present invention.

In contrast, Gourraud's Fig. 1, illustrates a first instant message path from a call session control function (CSCF) 216 to a user device 210 and a separate response path through a packet

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data network 20 to a web container 40 in a separate application server 230 for access to the

services 30. Gourraud's Fig. 3 also illustrates a CSCF 216 function separate from an application

server 230. At the cited text, Gourraud merely describes his mechanism for providing a list of

services to a user over one communication path and access to the services over a second

communication path that is separate from the fist communication path. Further, Gourraud's

paragraph [0032] describes the separate nature of the communication path between the

application server 230 and the user device. For example, in Gourraud's paragraph [0032], the

"terminal 210 receives the list of HTTP URIs forwarded by the application server 230 via the

serving CSCF 216...the selected HTTP URI is forwarded over the packet data network 20 to the

application server 230". Gourraud does not teach and does not make obvious "communicating

between a network resident software application and a user device through a network-resident

component" as claimed in claims 6 and 11. In a similar manner, Gourraud does not teach and

does not make obvious "interactions between at least one network-resident software application

and at least one user device through a network-resident component" as claimed in claim 15.

Further, Gourraud does not teach and does not make obvious "a pseudodevice as a unified

software interface function that provides an interface between the at least one network-resident

software application and the at least one user device" as claimed in claim 17.

The Official Action correctly admits that Gourraud fails to teach, sending the user device

a selected type of HTTP response dependent upon the type of HTTP request received, receiving

an HTTP request from the user device as a response to a user action that was elicited by the

selected type of HTTP response, and sending a user response to the network-resident software

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application that initiated the message request for selected types of HTTP requests. Kay is relied

upon as purportedly resolving these deficiencies.

Kay, however, addresses a query system "for interactively responding to queries from a

user sending messages through an instant messaging network". Kay, Abstract. Kay's system

merely responds to queries initiated by a user. Kay, Fig. 4 and paragraph [0032]. Thus, Kay's

system does not send the user response "from the network-resident component to the network-

resident software application that initiated the message request" as claimed in claims 6, 11, and

15. Emphasis added. Also, Kay's system does not send the user response "from the

pseudodevice to the network-resident software application that initiated the message request" as

claimed in claim 17. Emphasis added. Consequently, Kay does not correct the deficiencies of

Gourraud.

Regarding claim 2, the Official Action suggests that Gourraud and Kay collectively teach

the request from the software application further comprises: query parameters and cites Gourraud

paragraphs 0051-0062 for support. However, at Gourraud paragraphs [0051]-[0062], Gourraud

merely indicates that the "instant message 240 comprises a parameter identifying the type of the

communication session, which in the present case is assumed to be a videoconference session."

Identifying the type of session as a videoconference session is not the same as a "query

parameters to specify the type of query to send to the user device" as claimed in claim 2. Also,

Gourraud's instant message 240 is a message that is sent to the user device and not a "message

request from the network-resident software application" as claimed in claim 2. Gourraud does

not teach and does not make obvious claim 2.

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Regarding claim 3, the Official Action suggests that Gourraud and Kay collectively teach the query parameters further comprises: a query type; query strings; a target username and cites Gourraud paragraphs 0051-0062 for support. However, at Gourraud paragraphs [0051]-[0062], Gourraud merely describes a message displayed on a terminal and provides no description of query parameters. The Official Action further suggests that Kay teaches a source user name and cites Kay paragraphs 0023-0025 and 0031 for support. However, at the cited text, Kay does not describe a "source username supplied by the pseudodevice, wherein the instant message when received in the user device appears to come from an instant messaging user separate from the pseudodevice" as claimed in amended claim 3. Further, Kay makes no mention of a "pseudodevice". The combination of Gourraud and Kay does not teach and does not make obvious claim 3.

Regarding claim 4, The Official Action suggests that Gourraud and Kay collectively teach query types display, choose, and prompt and cites Gourraud [0051]-[0062] and Kay [0047]. However, at the cited texts in both Gourraud and Kay, only examples of messages and functions are described with no indication of how such examples and functions may be accomplished. Gourraud and Kay make no mention of query types display, choose, or prompt. Further, Gourraud and Kay make no mention that the query types are part of the query parameters supplied by the "message request from the network-resident application" as claimed. The combination of Gourraud and Kay does not teach and does not make obvious claim 4.

Regarding claim 5, the Official Action suggests that Gourraud and Kay collectively teach a session ID generator for assigning a unique session ID for a request and a request table for

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maintaining a unique session ID mapping to the software application that initiated the request

and cites Kay paragraphs [0049]-[0051] for support. However, at the cited text, Kay merely

describes a table that associates a security key with a particular web page. Kay does not address

a pseudodevice of claim 1 that further comprises: "a session ID generator for assigning a unique

session ID for a message request from the network-resident software application; a request table

for maintaining a unique session ID mapping to the network-resident software application that

initiated the message request" as claimed in amended claim 5. As claimed, a unique session ID

is assigned to a message request and the request table maintains a mapping from the uniquely

assigned session ID to the network-resident software application that initiated the message

request. Kay provides no recognition of the problem addressed by claim 5. The Official Action

also suggests that Kay addresses the other aspects of claim 5 and cites a message dispatcher of

Kay's Fig. 3 and intermediary elements of Kay's Fig. 2. Such non-specific reference to elements

of Kay's Figs. 2 and 3 provides no indication how Kay relates to the claimed invention. Kay does

not address a pseudodevice of claim 1 and further does not address a pseudodevice that

comprises an "instant messaging formatter for formatting a message to conform to an instant

messaging interface standard; an instant messaging client/server for use in sending messages to

another instant messaging user; and an HTTP server for receiving HTTP requests, providing a

selected response to a received HTTP request, and sending HTTP responses" as claimed in claim

5. The combination of Gourraud and Kay does not teach and does not make obvious claim 5.

Regarding claims 9 and 13, the Official Action suggests that Gourraud and Kay in

combination teach the message request from the network-resident software application further

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comprises: a query type; query strings to be displayed; a target username parameter for the instant

messaging name of the user device; and cites Gourraud paragraphs 0051-0062 for support.

However, at Gourraud paragraphs [0051]-[0062], Gourraud merely describes a message

displayed on a terminal and provides no description of query parameters. The Official Action

further suggests that Kay teaches a source user name parameter to specify an arbitrary source and

cites Kay paragraphs 0023-0025 and 0031 for support. However, at the cited text, Kay does not

describe a "source username parameter supplied by the network-resident component to specify an

arbitrary source" as claimed in amended claims 9 and 13. Further, Kay makes no mention of

communicating "between a network-resident software application and a user device through a

network resident component" as claimed in claims 9 and 13. The combination of Gourraud and

Kay does not teach and does not make obvious claims 9 and 13.

Since the dependent claims depend from and contain all the limitations of their

corresponding base claim, the dependent claims distinguish from the references in the same

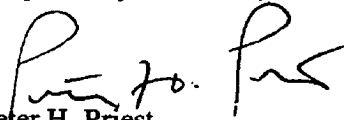manner as the base claims and are in order for allowance.

In summary, the relied upon references fail to recognize and address the same problems in

the manner advantageously addressed by the present claims. The claims as presently amended

are not taught, are not inherent, and are not obvious in light of the relied upon art.

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Conclusion

All of the presently pending claims, as amended, appearing to define over the applied

references, withdrawal of the present rejection and prompt allowance are requested.

Respectfully submitted,

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